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1600

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/831,426C

DATE: 09/09/2002 TIME: 12:43:31

Input Set : A:\9823seq.txt

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4 <110> APPLICANT: Hoechst Marion Roussel
         Bordon-Pallier, F.
         Rocher, C.
 8 <120> TITLE OF INVENTION: Human htFIIIA gene and coded htFIIIA protein
10 <130> FILE REFERENCE: 146.1364
12 <140> CURRENT APPLICATION NUMBER: US 09/831,426C
13 <141> CURRENT FILING DATE: 2001-05-08
15 <160> NUMBER OF SEQ ID NOS: 10
17 <170> SOFTWARE: PatentIn Vers. 2.0
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21 <212> TYPE: DNA
22 <213> ORGANISM: Human
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26 <222> LOCATION: (176)..(1270)
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33 acqtgtctcg gcacgtggca gcgcgcctgg ccctgggctt ggaggcgccg gcgcc ctg
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34
35
                                                                   1
37 gat ccg ccg gcc gtg gtc gcc gag tcg gtg tcg tcc ttg acc atc gcc
                                                                      226
38 Asp Pro Pro Ala Val Val Ala Glu Ser Val Ser Ser Leu Thr Ile Ala
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41 gac gcg ttc att gca gcc ggc gag agc tca gct ccg acc ccg ccg cgc
                                                                      274
42 Asp Ala Phe Ile Ala Ala Gly Glu Ser Ser Ala Pro Thr Pro Pro Arg
                                25
                                                                      322
45 ccc qcq ctt ccc agg agg ttc atc tgc tcc ttc cct gac tgc agc gcc
46 Pro Ala Leu Pro Arg Arg Phe Ile Cys Ser Phe Pro Asp Cys Ser Ala
        35
                            40
                                                 45
47
49 aat tac age aaa gee tgg aag ett gae geg eae etg tge aag eae aeg
                                                                      370
50 Asn Tyr Ser Lys Ala Trp Lys Leu Asp Ala His Leu Cys Lys His Thr
51
   50
                        55
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53 qqq qaq aqa cca ttt qtt tqt qac tat qaa ggg tgt ggc aag gcc ttc
54 Gly Glu Arg Pro Phe Val Cys Asp Tyr Glu Gly Cys Gly Lys Ala Phe
                    70
                                         75
57 atc agg gac tac cat ctg agc cgc cac att ctg act cac aca gga gaa
                                                                      466
58 Ile Arg Asp Tyr His Leu Ser Arg His Ile Leu Thr His Thr Gly Glu
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                85
61 aag ccg ttt gtt tgt gca gcc act ggc tgt gat caa aaa ttc aac aca
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62 Lys Pro Phe Val Cys Ala Ala Thr Gly Cys Asp Gln Lys Phe Asn Thr
63
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65 aaa 66 Lys 67																562
69 aaa 70 Lys 71 130	caa					ttt					aag					610
73 cat 74 His 75			Leu													658
77 ttc 78 Phe 79																706
81 aag 82 Lys 83	Leu															754
85 gga 86 Gly 87																802
89 aga 90 Arg 91 210																850
93 ttt 94 Phe 95		_		-			_			-				-		898
97 gaa 98 Glu 99		_	_	-	-	-										946
101 ac 102 Th 103			Phe					His					His			994
105 ag 106 Se 107							His					Lys				1042
109 at 110 Me 111 29	t Lys					Arg					His					1090
113 aa 114 Ly 115	-	-	_		Lys	-				Arg	_			-	Leu	1138
117 gc 118 Al 119				Ser					Pro					Gly		1186
121 gg 122 Gl 123			Leu					Glu					Val			1234
125 aac 126 Ly 127						Ala	Val				Gly					1273
121	355					360					365					

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Output Set: N:\CRF3\09092002\I831426C.raw

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216 acqtqtctcq qcacqtqqca qcqcqcctqq ccctqqqctt qqaqqcqccq qcqcctqqa 180
218 teegeeggee gtggtegeeg agteggtgte gteettgace ategeegaeg egtteattge 240
220 ageoggegaq ageteagete egacecegee gegeecegeg etteceagga ggtteatetg 300
222 etectteect gactgeageg ecaattacag caaageetgg aagettgacg egeacetgtg 360
224 caaqcacacq qqqqaqaqac catttqtttq tgactatgaa qqqtqtggca aggccttcat 420
226 cagggactac catctgagcc gccacattct gactcacaca ggagaaaagc cgtttgtttg 480
228 tgcaqccact gqctqtgatc aaaaattcaa cacaaaatca aacttgaaga aacattttga 540.
230 acqcaaacat qaaaatcaac aaaaacaata tatatqcaqt tttqaaqact qtaaqaagac 600
232 ctttaagaaa catcagcagc tgaaaatcca tcagtgccag cataccaatg aacctctatt 660
234 caagtgtacc caggaaggat gtgggaaaca ctttgcatca cccagcaagc tgaaacgaca 720
236 tqccaaqqcc cacqaqqqct atgtatgtca aaaaggatgt tcctttgtgg caaaaacatg 780
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240 ccqqaaaaca tttaaacqca aaqattacct taaqcaacac atqaaaactc atqccccaga 900
242 aagggatgta tgtcgctgtc caagagaagg ctgtggaaga acctatacta ctgtgtttaa 960
244 totocaaago catatootot cottocatga qqaaaqoogo cottttqtqt qtqaacatqc 1020
246 tggctgtggc aaaacatttg caatgaaaca aagtctcact aggcatgctg ttgtacatga 1080
248 teetgacaag aagaaaatga ageteaaagt caaaaaatet egtgaaaaac ggagtttgge 1140
250 ctctcatctc agtggatata tccctcccaa aaggaaacaa gggcaaggct tatctttgtg 1200
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267 teegeeggee gtggtegeeg agteggtgte gteettgaee ategeegaeg egtteattge 180
269 agccggcgag agctcagctc cgaccccgcc gcgccccgcg cttcccagga ggttcatctg 240
271 ctccttccct gactgcagcg ccaattacag caaagcctgg aagcttgacg cgcacctgtg 300
273 caagcacacg ggggagagac catttgtttg tgactatgaa gggtgtggca aggccttcat 360
275 cagggactac catctgagcc gccacattct gactcacaca ggagaaaagc cgtttgtttg 420
277 tgcaqccact gqctqtgatc aaaaattcaa cacaaaatca aacttgaaga aacattttga 480
279 acqcaaacat gaaaatcaac aaaaacaata tatatqcaqt tttqaaqact qtaaqaagac 540
281 ctttaagaaa catcagcagc tgaaaatcca tcagtgccag cataccaatg aacctctatt 600
283 caagtgtacc caggaaggat gtgggaaaca ctttgcatca cccagcaagc tgaaacgaca 660
285 tqccaaqqcc cacqaqqqct atqtatqtca aaaaqqatqt tcctttqtqq caaaaacatq 720
287 gacggaactt ctgaaacatg tgagagaaac ccataaagag gaaatactat gtgaagtatg 780
289 ccggaaaaca tttaaacgca aagattacct taagcaacac atgaaaactc atgccccaga 840
291 aagggatgta tgtcgctgtc caagagaagg ctgtggaaga acctatacta ctgtgtttaa 900
293 totocaaago catatootot cottocatga ggaaagoogo cottttgtgt gtgaacatgo 960
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VERIFICATION SUMMARY

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